



THE NEW KALMAR DCF-SERIES TOPLIFTS
EXPECT MORE



Boosting profits means finding ways to boost cycle productivity on the yard: **Expect more productivity.**

As TEU s continues to spike higher at today's container terminals, boosting profits means boosting productivity while limiting congestion. For an equipment company, achieving such big ambitions means learning to exceed high expectations – thinking in new ways about old challenges as we design machines until they offer our customers clear advantages.

These challenges have led us to the development of a new generation of machines – the DCF Series.



Built specifically for the North American market – the Kalmar DCF series offer 80,000 Lbs, 90,000 Lbs or 100,000 Lbs with full capacity to 5-high stacking.

Up to 50% faster – this new model has fast travel speeds together with lifting speeds that are up to 50% faster than its predecessor, even when fully loaded the DCF410 with a 90,000 Lb. load exceeds all competitors lifting speeds.

More boxes per hour – a new level in speed, power and capacity, the Kalmar DCF promises higher productivity per cycle – more boxes per hour – a clear advantage.





e706
35

e706

e706
31

Scaling down running costs means increased profitability:

Expect more container moves per dollar.

The new DCF-Series toplifts are designed to be more fuel efficient – higher capacity loads with a chassis engineered to reduce weight. Computer aided design has resulted in a Kalmar DCF that uses its weight efficiently to provide the same steer axle loading while generating higher capacities than our competition.

Best horsepower to weight ratio – the DCF has the best horsepower to weight ratio in the business, this results in better fuel economy and reduced exhaust emissions.

Rugged components – properly maintained, the combination of rugged components and lower machine weight translates into extended drive train life and less service time. The large 18.00x33 tires should contribute to a lower operating cost per hour.

High capacity fuel tank – an optional high capacity fuel tank can offer extended intervals between fill-ups saving labor hours.

More container moves per dollar – fuel cost, tires, drive train life and lower maintenance man-hours – the DCF-Series delivers when it comes to the “nuts and bolts” of managing your annual operating budget.

Designed to have the best horsepower to weight ratio in the business the Kalmar DCF generates higher capacities with very stable axle loadings. Expect fuel savings at a time when fuel costs are high and likely headed higher.



Maximizing return on investment means choosing machines that will show up for work every day: **Expect more uptime.**

Unplanned downtime or even unacceptably excessive scheduled downtime – can be a killer to toplift fleet efficiency. Higher machine availability translates into more productivity and higher return on investment.

500 h service intervals – the new DCF series has been designed to minimize downtime – scheduled maintenance now increases to 500 hour intervals.

Maintenance friendly – more maintenance-free components and simpler hydraulics; the maintenance-free steer axle joint and mast lubrication at ground-level are two examples of our design philosophy.

Self-diagnostics – shorter downtime duration is also one of the clear advantages of these machines. Built in self-diagnostics makes it possible to return to service quickly providing greater uptime.

Field proven components – the DCF series, while a new product family, is also based on field-proven components. Its drive train, operating system and other components are currently in service on more than 1,000 Kalmar models, providing extremely high reliability.





Productivity also results from the drivers confidence in operating your machines: **Expect more driver performance.**

Driver performance begins with a driver's ability to see all points from the cab, and Kalmar DCF-Series toplifts have been designed from the beginning so that your drivers can see well. The new DCF has 360 degree visibility from the cab – your drivers will see all four corners – plus the Kalmar sloped rear design further enhances rear visibility.

The Spirit Delta cabin – provides a quiet, ergonomically efficient design with an easy to use control layout to increase driver performance.

Greater stability – the new DCF has a wider steer axle plus a 20" longer wheelbase. The result is a better "seat of the pants feel" for your drivers.

Maximum spreader mobility – the DCF-Series features industry leading sideshift and pile slope, plus slewing. This means a more stable operation and comfortable drivers.

Confident operations – the DCF gives your drivers more stability, visibility and ergonomics. This means smooth operations and increased efficiency.



360 degrees visibility – with the new DCF cab your driver will see all four corners. Expect smoother, more confident operations.



We know supporting you well is as crucial as designing great equipment: **Expect strong support.**

When you purchase a Kalmar DCF-Series toplift, it comes with the knowledge that the most extensive service and spare part network in the industry supports you.

Fast part replacements – that's a straightforward, simple promise, but with a very clear meaning to you and to us: on the Kalmar DCF-Series toplifts, you're going to get spare parts fast.

Training programs – support also means training: on-site training at delivery, and optional

on-site training at 6 months and 12 months after delivery.

Preventive maintenance kits – we'll make routine maintenance and support simple, through pre-packaged DCF factory maintenance kits for regular service intervals, and through the daily support of our Kalmar dealer network.



Contact information:

On the way up. Kalmar is one of the leaders in the North American market and is heading up to the top spot. Kalmar is committed to its activities in North America and is offering products and support designed to meet our customers needs.

The company has over 100 years of experience in lifting and moving heavy objects with our machines in over 140 countries around the world.

Kalmar is more than just a machine supplier. Kalmar offers solutions that make life easier for its customers, everything from driver assistance to contract maintenance and fleet management.

Kalmar Industries
Product line – Heavy Lift Trucks
Torggatan 3 SE-340 10 Lidhult, Sweden
Tel: +46 372 260 10. Fax: +46 372 259 77.
www.kalmarind.com



make things easy